

**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIAN METEOROLOGICAL DEPARTMENT**



**GRAMIN KRISHI MAUSAM SEWA
AMFU, OFRS, NAGANAHALLI,
MYSURU – 570003**



Date:01-07-2025

AGRO-ADVISORY BULLETIN FOR MYSURU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	28.06.2025	29.06.2025	30.06.2025	01.07.2025
Rainfall (mm)	0	2	0.5	0
Max. Temp. (°C)	28	28.8	29.8	29.2
Min. Temp. (°C)	20	20	20.2	20
Sky condition (Octas)	8	8	8	6
Relative humidity (%) 0830 hours	82	86	79	70
Relative humidity (%) 1730 hours	77	78	-	-
Wind Speed (km/h)	0	2	2	0
Wind Direction	0	270	270	0

Weather forecast for the next five days (From 02-07-2025 to 06-07-2025)

Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	2	2	3	5	7
Max. temp (°C)	29	29	28	29	30
Min.Temp (°C)	21	20	21	20	20
Sky condition (Octas)	4	4	5	5	6
Relative humidity (%) 08:30 hours	75	76	77	76	75
Relative humidity (%) 17:30 hours	61	62	62	60	62
Wind Speed (kmph)	12	14	14	14	14
Wind Direction	244	239	241	243	241
Weather warning	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at many places	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at most places	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at many places	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at many places	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at a few places

*GW/R+ - Gusty wind with heavy rainfall, GW – Gusty wind, TSH – Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from **02.07.2025 to 06.07.2025** in Mysuru district. The day temperature is expected to be 29-30°C &

night temperature is expected 19°C. The relative humidity in the morning hours is expected to be 84-86% & afternoon relative humidity is expected to be in the range of 65-69% Wind speed expected to be 12-14 km/hr.

General Advisory:

- **Partly cloudy sky and light rainfall** expected – suitable for field operations such as sowing, transplanting, and fertilizer application.
- **Gusty winds**– support banana, pepper, and other tall crops to prevent lodging.
- **Maintain proper drainage** in low-lying fields to prevent excess moisture and root diseases, especially in vegetables, ginger, and spices.
- **Humidity levels are high** – favorable for fungal and bacterial diseases. Apply **preventive fungicides** (like Copper oxychloride or Mancozeb) during dry spells.
- **Fertilizer application** is favorable during this period – split doses are recommended for better efficiency.
- **Livestock care:** Provide shelter, dry bedding, and clean drinking water. Avoid grazing during gusty conditions.
 - Protect livestock from rain and provide clean drinking water

SMS Advisory:

Light rain expected next 5 days. Ensure field drainage, delay fertilizer use, stake banana, monitor pests. Keep livestock shelters dry.

Crops and Suitable Varieties for Sowing in July

- Paddy (Rice)
- General Sowing: MSN-99
 - Late June (3rd-4th week): BR-2655, Jaya
 - Aerobic Paddy: Daksha (KMP-175), Onnasiri (MAS-26), Sharada (MAS-946), Anagha (ARB-6), Rashi
- Ragi (Finger Millet): Indaf-8, MR-1, MR-6, L-5, KMR-301, GPU-45, KMR-316
- Maize (Shaktiman Maize): CSH-5, CSH-9
- Pearl Millet (Musuku Jola): Hema, Nithyashree, MAH-14-5, MAH-14-138, MAH-15-84
- Popcorn: Amber
- Bajra (Pearl Millet): WCC-75, PHVB-910
- Late June (3rd-4th week): ICTP-8203, SMV-221, MH-946 (GHB-558)
- Foxtail Millet (Navane): PS-4, SIA-326, GPUF-3
- Horsegram (Haraka): RBK-155, GPUK-3
- Little Millet (Same): CO-2, OLM-203, GPUL-6, GPUL-11
- Proso Millet (Oodalu): DHBM-93-3
- Kodo Millet (Korale): GPUBT-2
- Red Gram (Pigeon Pea / Togari): BRG-1, BRG-2, BRG-3, BRG-4, BRG-5, ICP-7035, TTB-7, Hyderabad-3C
- Groundnut (Nelekadale): GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27
- Sunflower: KBSH-41, 90, 44, 53, 78, 85
- Soybean (Soya Avare): MAUS-2 (Pooja), Karune (vegetable soybean), KBS-23
- Cotton: DCS-9 (Jyoti), 48-1 (Jwala)

- Hybrid Varieties: DCH-177, GCH-4, 30.N.23-66
Sesame (Hucchellu) - 4th week of June: KBN-1, No.71, KBN-2, 52: 2.2-62175, 2.2-86032, 2.2.A.2-18061
Horticultural Crops
- Vegetables: Tomato, Potato, Brinjal, Chilli, Cabbage, Radish, Knol-khol, Carrot, Onion
- Fruits: Mango, Banana, Lime, Guava, Sweet lime, Sapota, Papaya, Pomegranate, Pineapple, Cashew
- Spices: Garlic, Ginger, Turmeric, Cardamom
Fodder Crops
- Sorghum (Fodder Maize): JS-SF-3
- Cowpea (Fodder): MF-09-01, MF-08-14, 2-09-03
- Napier-Bajra Hybrid Grass: PBN-342

Recommendations to the farmers:-

Weather based advisory

Crop	Stage	Advisory Based on Forecast
Paddy	Summer-Harvesting	Harvest matured crop during dry days; postpone if rainfall is forecasted. Ensure harvested produce is dried and stored properly to avoid spoilage due to humidity.
	Kharif- Nursery preparation	Select raised nursery beds to prevent water stagnation. Utilize clear sky periods for seedbed preparation and sowing. Arrange for drainage in case of heavy rainfall.
Maize	Vegetative	Apply fertilizers and weeding operations during dry, less windy days. Ensure sufficient soil moisture; avoid irrigation when rainfall is forecasted. Monitor for leaf spot due to humidity.
Tomato	Fruit formation	Protect fruits from cracking during sudden rain spells. Avoid spraying during windy or rainy conditions. Support plants to prevent lodging due to gusty winds.
Chilli	Fruit formation	Maintain proper drainage to avoid waterlogging. High humidity may encourage fungal infections—use preventive plant protection measures on dry days.
Banana	Fruit development	Provide support to prevent lodging from gusty winds. Maintain mulch for moisture retention. Avoid irrigation on rainy days. Watch for sigatoka and pseudostem weevil.
Black gram, Green gram, Red gram, Field bean, Cowpea	Sowing / Harvesting	For sowing, ensure good soil moisture; sow during dry spells. For harvesting, dry produce immediately after harvest to prevent post-harvest losses due to humidity.
Sugarcane	Vegetative	Carry out earthing up and fertilizer application during clear days. Ensure proper drainage in case of rain. Monitor for top shoot borer and mealy bugs.
Mango	Fruit development	Harvest mature fruits early in the day and avoid harvesting during wet periods. Protect harvested fruits from high humidity to prevent fungal rots.
Vegetable crops (general)	Various stages	Conduct pest and disease monitoring regularly, especially during humid conditions. Avoid foliar sprays during rainfall

		and windy days. Use rain-free days for intercultural operations.
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Category	Advisory
Livestock	Provide clean and fresh drinking water regularly due to moderate temperatures. Ensure well-ventilated, dry, and shaded shelters to protect animals from humidity and mild rainfall. Monitor animals for signs of respiratory issues due to humid conditions.
Poultry	Keep poultry sheds dry and well-ventilated. Avoid overcrowding to reduce stress and disease risk during humid and rainy days. Provide clean water and balanced feed during cooler morning and evening hours. Maintain hygiene to prevent fungal and bacterial infections.

Block level weather forecast (From 02-07-2025 to 06-07-2025)

H.D. Kote					
Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.7	1.7	1.3	1.5	0.9
Max. temp (°C)	25.9	26.2	26.6	26.9	26.9
Min.Temp (°C)	20.5	20.2	20.4	20.2	20.4
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	92.7	93.6	93	92.3	92.2
Relative humidity (%) 1730 hours	69.8	68.6	65.2	67.5	64.5
Wind Speed (kmph)	11.4	11.5	11.8	13	12.4
Wind Direction	235.3	228.8	232.4	236.3	234.4

Hunsuru					
Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.7	2.1	1.9	1.7	0.6
Max. temp (°C)	26.1	26	26.5	26.7	26.8
Min.Temp (°C)	20.2	20.1	20.2	20.2	20.2
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	91.9	93.7	92.3	92.3	92
Relative humidity (%) 1730 hours	68.5	68.6	66.5	67.4	65.5
Wind Speed (kmph)	12.1	12.3	12.6	14.2	13.5
Wind Direction	247.2	238.2	239	246	244.8

K.R. Nagara

Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.6	2	1.8	1.9	1
Max. temp (°C)	26.6	26.4	26.9	27.2	27.2
Min.Temp (°C)	20.7	20.4	20.5	20.4	20.2
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	90.7	92.5	91.6	91.5	91.2
Relative humidity (%) 1730 hours	67.1	68	65	66.1	64.6
Wind Speed (kmph)	12.3	12.6	12.9	13.9	13.7
Wind Direction	249.4	239	239.8	245.4	246.8

Mysuru

Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	1.1	2.9	3.8	3.2	1.8
Max. temp (°C)	27.1	27	27.5	27.7	28.2
Min.Temp (°C)	20.9	20.7	20.7	20.7	20.8
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	89.4	91.6	90.6	90.6	89.6
Relative humidity (%) 1730 hours	61.5	62.1	59.1	58.3	53.8
Wind Speed (kmph)	13	14.2	14.3	15.5	15.6
Wind Direction	245.5	239.5	241.5	248.2	244

Nanjanagudu

Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.6	2.2	2	1.8	1.2
Max. temp (°C)	27.9	27.9	28.5	28.4	29
Min.Temp (°C)	21.5	21.4	21.4	21.2	21.4
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	85.9	85.2	85	83.3	83.9
Relative humidity (%) 1730 hours	55.4	56.6	52.8	51.9	46.5
Wind Speed (kmph)	15.4	16.3	16.9	18.2	18.9
Wind Direction	249.4	248	250	251.6	248.8

Piriapatna					
Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	1.1	2.8	1.8	2.2	1.4
Max. temp (°C)	24.9	24.6	25	25.2	25.2
Min.Temp (°C)	19.8	19.5	19.6	19.5	19.6
Sky condition (Octas)	8	7	8	8	8
Relative humidity (%) 0830 hours	94.8	96	95.1	95.2	95.1
Relative humidity (%) 1730 hours	73.4	72.5	70.9	71.7	70.6
Wind Speed (kmph)	11	11	11.1	12.7	11.8
Wind Direction	246.8	238.4	240.9	244.9	242.6

T. Narasipura					
Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.6	1.9	2.4	1.4	1
Max. temp (°C)	28.2	28.4	29	29	29.4
Min.Temp (°C)	21.6	21.4	21.4	21.2	21.5
Sky condition (Octas)	8	7	7	8	7
Relative humidity (%) 0830 hours	85.5	86.6	86.5	84.9	83.9
Relative humidity (%) 1730 hours	50.4	52.3	48.3	45.3	40.8
Wind Speed (kmph)	14.8	15.8	15.6	17.4	17.9
Wind Direction	247.2	245.8	247	251.9	247.5

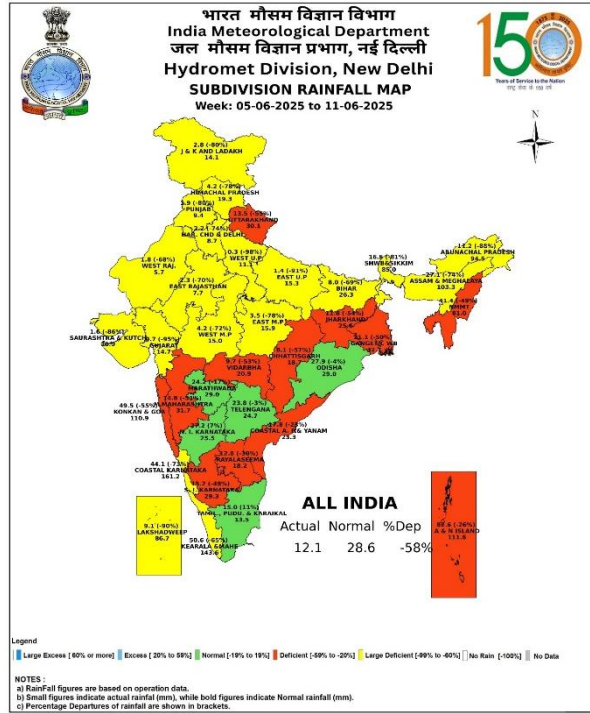
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**

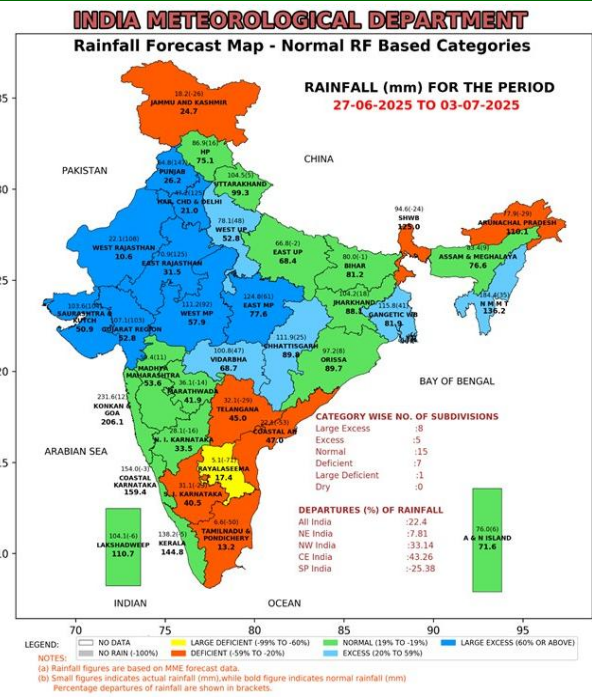
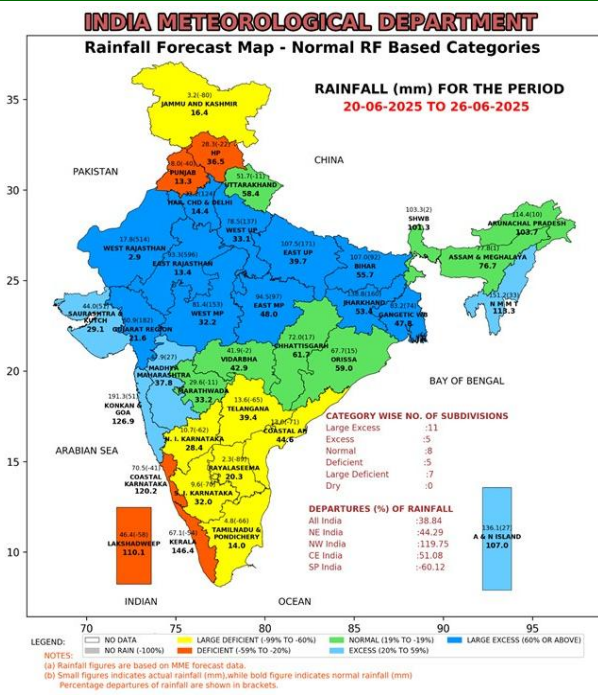
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षा और तापमान)
(Rainfall and Temperature)

Realized Rainfall
(05th June to 18th June, 2025)



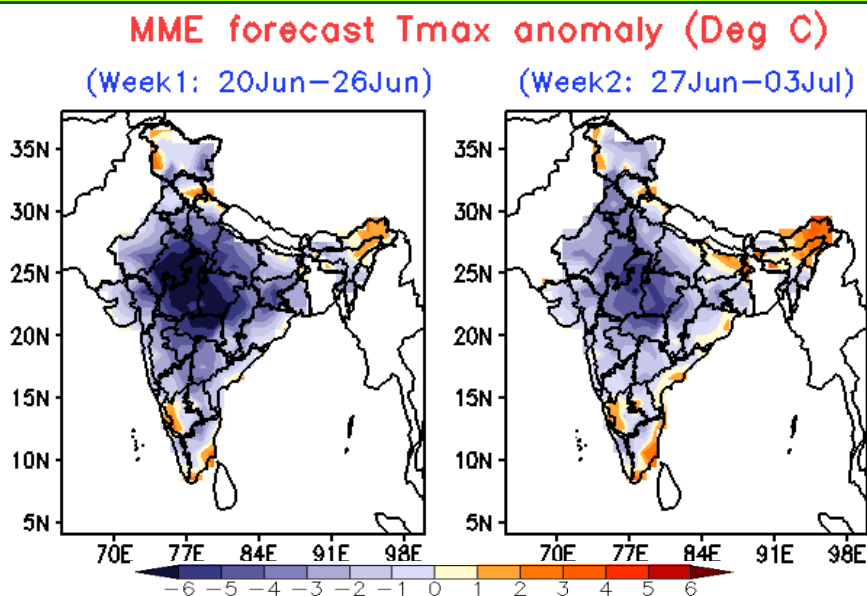
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 18th June, 2025)
(20th June to 03rd July, 2025)



- **Week1(20.06.2025 to 26.06.2025):**Rainfall is likely to be above normal over many parts of Northwest India, East India, Central India and West India. However, it is likely to be below normal over South India.
- **Week 2 (27.06.2025 to 03.07.2025):**Rainfall is likely to be above normal over Northwest India, Central India, East India, Nagaland Manipur Mizoram & Tripura region, Gujarat state and Konkan-Goa. However, it is likely to be below normal over many parts of South India.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 18th June, 2025)
(20th June to 03rd July, 2025)**



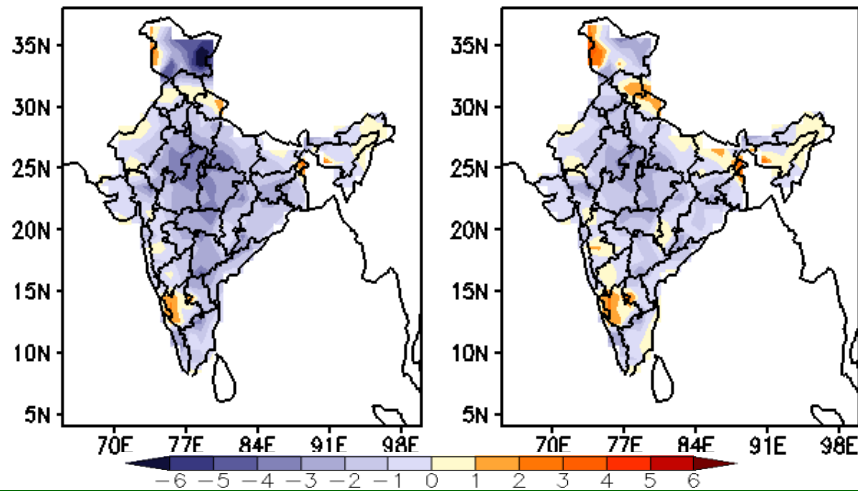
Maximum Temperature (Tmax)

- **Week 1 (20.06.2025 to 26.06.2025):**Maximum temperature is likely to be below normal over most parts of the country except some parts of North East India, Himachal Pradesh, Karnataka and Coastal regions of Tamil Nadu.
- **Week 2 (27.06.2025 to 03.07.2025):**Maximum temperature is likely to be below normal over most parts of the country. However, it is likely to be above normal over Bihar, many parts of North East India & regions along East coast and some parts of Karnataka.

MME forecast Tmin anomaly (Deg C)

(Week1: 20Jun–26Jun)

(Week2: 27Jun–03Jul)



Minimum Temperature (Tmin)

- **Week 1 (20.06.2025 to 26.06.2025):** Minimum temperature is likely to be below normal over most parts of the country except over some parts of Karnataka.
- **Week 2 (27.06.2025 to 03.07.2025):** Minimum temperature is likely to be below normal over most parts of the country except over some parts of Himachal Pradesh, Uttarakhand and Karnataka.